Sheet 1 of 4

Docket Number (Optional) Form PTO-1449 **Application Number** 3239.5US (96-1145.05/US) Not yet assigned INFORMATION DISCLOSURE CITATION St ven G. Thumm I Applicant IN AN APPLICATION (Use several sheets if necessary) Filing Date August 4, 2003 Group Art Unit Unknown **U.S. PATENT DOCUMENTS EXAMINER** FILING DATE DOCUMENT NUMBER DATE NAME **SUBCLASS** CLASS INITIAL IF APPROPRIATE A) 4,480,975 11/1984 Plummer et al. 4,861,251 08/1989 Moitzger 07/1991 5,034,350 Marchisi 5,096,853 03/1992 Yasunaga et al. 5,114,880 05/1992 Lin 5,118,271 06/1992 Baird et al. 5,147,815 09/1992 Casto 5,222,014 06/1993 Lin 5,239,806 08/1993 Maslakow 5,302,850 04/1994 Hara 5.313.365 05/1994 Pennisi et al. **FOREIGN PATENT DOCUMENTS** Translation DOCUMENT NUMBER DATE COUNTRY CLASS **SUBCLASS** NO YES **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.) Rosato et al., Injection Molding Handbook, 1995, Chapman & Hall, pps. 285-290 **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conforman not considered. Include copy of this form with next communication to the applicant.

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Docket Number (Opt 3239.5US (96-11	Application Number Not yet assigned				
			Applicant St ven G. Thummel					
			Filing Date August	Group Art Unit Unknown				
		U.S. F	PATENT	DOCUMENTS				
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40	5,331,205	07/1994		Primeaux				
	5,366,364	11/1994	Ta	anaka et al.				
	5,415,536	05/1995		Ohno	_			
	5,458,694	10/1995		Nuyen	_			
	5,488,257	01/1996	Bhatt	acharyya et al.				
	5,578,261	11/1996	Ma	nzione et al.				
	5,578,333	11/1996	S	chad et al.				
	5,597,643	01/1997		Weber			,	
	5,598,034	01/1997		Wakefield				
	5,608,262	03/1997	D	egani et al.				
AO	5,609,889	03/1997		Weber	_			
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Form PTO-1449			Docket Number (Op 3239.5US (96-1	Application Number Not yet assign d				
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Applicant Stev n G. Thummel				
				Filing Date August	Group Art Unit Unknown			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	S FILING DATE IF APPROPRIATE	
(B)	5,614,441	03/1997	Hosokawa et al.					
	5,615,089	03/1997	Yoneda et al.					
	5,633,019	05/1997	Clark et al.					
	5,646,829	07/1997	Sota					
	5,755,914	05/1998	Yonehara Ong		_			
	5,766,535	06/1998			1-			
	5,800,841 09/1998			Miyajima				
	5,830,781	11/1998	Α	cello et al.				
	5,971,734 10/1999			Moon				
4	5,997,798	12/1999	Tet	reault et al.		_		
RD	6,007,317	12/1999		Mess	-	1	——————————————————————————————————————	
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Form PTO-1449			Docket Number (Optional) 3239.5US (96-1145.05/US)		Application Number Not yet assigned			
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		U.S. PATEN	T DOCUMENTS	3				
EXAMINER INITIAL	DOCUMENTNUMBER	DATE	NAME		SUBCLASS	S FILING DATE IF APPROPRIATE		
0	6,117,382	09/2000	Thummel					
	6,287,503	09/2001	Thummel					
20	6,332,766	12/2001	Thummel					
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